in *Escherichia coli* K12. Examples include ZAP Express [manufactured by STRATAGENE, *Strategies*, 5, 58 (1992)], pBluescript II SK(+) [*Nucleic Acids Research*, 17, 9494 (1989)], λZAP II (manufactured by STRATAGENE), λgt10 [*DNA Cloning, A Practical Approach*, 1, 49 (1985)], λTriplEx (manufactured by Clontech), λExCell (manufactured by Pharmacia), pT7T318U (manufactured by Pharmacia), pcD2 [*Mol. Cell. Biol.*, 3, 280 (1983)], pUC18 [*Gene*, 33, 103 (1985)], pAMo [*J. Biol. Chem.*, 268, 22782 (1993), alias pAMoPRC3Sc (Japanese Published Unexamined Patent Application No. 336963/93)] and the like.

Please substitute the paragraph at page 24, lines 5-21 with the following replacement paragraph. A marked-up copy of this paragraph, showing the changes made thereto, is attached.

Based on the nucleotide sequence of a candidate gene found by the data base search, primers specific for the gene are designed and PCR is carried out by using the thus obtained single-stranded cDNAs or a cDNA library as the templates. When an amplified fragment is obtained, the fragment is subcloned into an appropriate plasmid. The subcloning can be carried out by inserting the amplified DNA fragment directly, or after its treatment with a restriction enzyme or DNA polymerase, into a vector in the usual way. Examples of the vector include pBluescript SK(-), pBluescript II SK(+) (both manufactured by STRATAGENE), pDIRECT [*Nucleic Acids Research*, 18, 6069 (1990)], pCR-Amp SK(+) [manufactured by Stratagene, *Strategies*, 5, 6264 (1992)], pT7Blue (manufactured by Novagen), pCR II [manufactured by Invitrogen; *Biotechnology*, 9, 657

(1991)], pCR-TRAP (manufactured by Genehunter), pNoTA$_{T7}$ (manufactured by 5' → 3') and the like.

Please substitute the paragraph at page 33, lines 5-20 with the following replacement paragraph. A marked-up copy of this paragraph, showing the changes made thereto, is attached.

Examples of the expression vector include pBTrp2, pBTac1, pBTac2 (all available from Boehringer-Mannheim), pSE280 (manufactured by Invitrogen), pGEMEX-1 (manufactured by Promega), pQE-8 (manufactured by QIAGEN), pKYP10 (Japanese Published Unexamined Patent Application No. 110600/83), pKYP200 [*Agric. Biol. Chem.*, 48, 669 (1984)], pLSA1 [*Agric. Biol. Chem.*, 53, 277 (1989)], pGEL1 [*Proc. Natl. Acad. Sci. USA*, 82, 4306 (1985)], pBluescript II SK(-) (manufactured by STRATAGENE), pTrs30 (FERM BP-5407), pTrs32 (FERM BP-5408), pGHA2 (FERM BP-400), pGKA2 (FERM B-6798), pTerm2 (Japanese Published Unexamined Patent Application No. 22979/91, US 4686191, US 4939094, US 5160735), pKK233-2 (manufactured by Pharmacia), pGEX (manufactured by Pharmacia), pET system (manufactured by Novagen), pSupex, pUB110, pTP5, pC194, pTrxFus (manufactured by Invitrogen), pMAL-c2 (manufactured by New England Biolabs) and the like.

Please substitute the paragraphs at page 73, lines 3-22 with the following replacement paragraphs. A marked-up copy of these paragraphs, showing the changes made thereto, is attached.

As a result of the plaque hybridization, one hybridized independent clone was obtained. Phage DNA was prepared from this clone by using a kit manufactured by Qiagen